

GAMBARYAN, N.P.; SIMONYAN, L.A.; KNUNYANTS, I.L., akademik

Case of unusual addition of diazoacetic ester to ketones. Dokl.
AN SSSR 155 no. 4:833-835 Ap '64. (MIRA 17:5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

GAMBARYAN, N.P.; CHEBURKOV, Yu.A.; KNUNYANTS, I.L.

Pinacone from hexafluoroacetone. Izv. AN SSSR. Ser. khim.
no.8:1526-1528 Ag '64. (MIRA 17:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

GAMBARYAN, N.P.; SIMONYAN, L.A.

P,P-Bis(trifluoromethyl)glycidol ester. Izv. AN SSSR. Ser.
Anim. no.8:1529-1530 Ag '64. (MIRA 17:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ZEYFMAN, Yu.V.; GAMBARYAN, N.P.

Condensation of hexafluoroacetone with cyanohydrins of aromatic aldehydes. Izv. AN SSSR, Ser. khim. no. 9: 1622-1630 S '64. (MIRA 17:10)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

ZEFMAN, Yu.V.; GAMBARYAN, N.P.

Condensation of hexafluoroacetone with cyanohydrin. Izv. AN SSSR. SER.
khim. no.9:1687-1689 S '64. (MIRA 17:10)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

GAMBARYAN, N.P.; ROKHLIN, Ye.M.; ZEYFMAN, Yu.V.; KNUNYANTS, I.L.

Bis (trifloromethyl) ketone anil. Izv. AN SSS. Ser. khim. no.4:
749-750 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

MINASYAN, R.B.; ROKHLIN, Ye.M.; GAMBARYAN, N.P.; ZEYFMAN, Yu.V.;
KNUNYANTS, I.L.

Bis (trifluoromethyl) cyclodiazomethane. Izv. AN SSSR. Ser. khim.
no.4:761 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

GAMBARYAN, N.P.; ROKHLINA, Yel.M.; ZEYFMAN, Yu.V.

Reaction of fluorinated ketones with olefins. Izv. AN SSSR.
Ser. khim. no.8:1466-1469 '65. (MIRA 18:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

ZEYFMAN, Yu.V.; GAMBARYAN, N.P.; KNUNYANTS, I.L.

Imines of perfluoro ketones. Izv. AN SSSR. Ser. khim. no.3:450-456
Izv. AN SSSR. Ser. khim. no.3:450-456 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

GAMBARYAN, N.P.; KNUNYANTS, I.I.

Hexafluoroacetone as an acceptor of hydride ions. Izv. AN SSSR, Ser.
khim. no.4:722-723 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

KNUNYANTS, I.L.; KRASUSKAYA, M.P.; GAMBARYAN, N.P.

Nucleophilic addition of hydrogen halides to perfluorobutylene.
Izv. AN SSSR. Ser. khim. no.4:723-726 '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

ZEYFMAN, Yu.V.; GAMBARYAN, N.P.; KNUNYANTS, I.I.

Reaction of hexafluoroacetone imine with butadiene and isobutylene.
Izv. AN SSSR. Ser. khim. no.8:1472-1474 '65. (MIRA 18:9)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

L 52139-65 EPF(c)/EPR/EMP(j)/EMA(c)/EMT(m)/T Pc-l/Pr-l/Is-l HPL WW/ED

ACCESSION NR: AP5015290

UR/0286/65/000/009/0067/0067

AUTHORS: Korshak, V. V.; Knunyants, I. L.; Vinogradova, S. V.; Garbaryan, H. P.;
Pankratov, V. A.; Livshits, B. R.

TITLE: A method for obtaining polyarylates. Class 39, No. 170662

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 67

TOPIC TAGS: polyarylate, carboxylic acid, phenol, hexafluoropropane

ABSTRACT: This Author Certificate presents a method for obtaining polyarylates based on the anhydrides of dicarboxylic acids and bisphenols. To increase the thermal stability, elasticity, and solubility, and also to broaden the assortment of self-stopping polyarylates, 2,2-bis(4-carboxyphenyl)-hexafluoropropane is used as the anhydride of carboxylic acid.

ASSOCIATION: none

SUBMITTED: 05Jun64

ENCL: 00

SUB CODE: 00

NO REF SOV: 000

OTHER: 000

Card 1/1 MB

ZILYMAN, Yu.v.; GAMBARTAN, N.P.; KNUNYANTS, I.L.

Semicarbazone of hexafluoroacetone. Zhur. VKHO 10 no.2:235-236
1955. (MIRA 13:6)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

ROKHLIN, Ye.M.; ZEYFMAN, Yu.V.; CHEBURKOV, Yu.A.; GAMBARYAN, N.P.;
KNUNYANTS, I.L., akademik

Reaction of hexafluoroacetone with triethyl phosphite. Dokl. AN
SSSR no.6:1356-1358 Ap '65. (MIRA 18:5)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

ZEYFMAN, Yu.V.; GAMBARYAN, R.P.; KNUNYANTS, L.L.

Hexafluoroacetone N-benzoyl amine, Izv. AN SSSR. Ser. khim.
no.11:2046-2048 '65. (MIRA 18:11)

1. Institut elementov organicheskikh soedineniy AN SSSR.

L 20635-66 EWP(3)/ENT(m) RM/WW

ACC NR: AP6011196

SOURCE CODE: UR/0413/66/000/006/0027/0027

INVENTOR: Knunyants, I. L.; Gambaryan, N. P.; Livshits, B. R.; Simonyan, L. A.

ORG: none

TITLE: Preparative method for diphenylbis(trifluoromethyl)methane-4,4'-dicarboxylic acid. Class 12, No. 179764

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 27

TOPIC TAGS: fluorinated organic compound, carboxylic acid

ABSTRACT: An Author Certificate has been issued for a preparative method for diphenylbis(trifluoromethyl)methane-4,4'-dicarboxylic acid. The method involves the reaction of hexafluoroacetone with toluene in the presence of anhydrous hydrogen fluoride, and subsequent oxidation of the reaction product with dilute nitric acid.

[SM]

SUB CODE: 07/ SUBM DATE: 04Nov63/ ATD PRESS: 4225

Card 1/1

UDC: 547.539.16'584.05

L 05165-62 ENT (1) / ENP (3) WW/JW/RM SOURCE CODE: UR/0062/66/000/006/1103/1110
ACC NR: AP7000735

KUNYANIS, I. L.; ZEYFMAN, Yu. V., GAMBARYAN, N. P., Institute of Hetero-organic Compounds, Academy of Sciences USSR (Institut elementoorganicheskikh soedineniy AN SSSR)
"2-Acetoxy-2-acetylaminohexafluoropropane and Its Reactions"

Moscow, Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, No 6, 1966, pp 1108-1110

Abstract: 2-Acetoxy-2-acetylaminohexafluoropropane was produced by reaction of hexafluoroacetoneimine with acetic anhydride in the presence of catalytic amounts of sulfuric acid. It was also produced by acetylation of the geminal hydroxyamide with acetic anhydride. Reactions of 2-acetoxy-2-acetylaminohexafluoropropane were studied: it reacts readily with nucleophilic reagents with a replacement of the acetoxy group. The reaction with acetamide yields 2,2-bis-(acetamido) hexafluoropropane; the reaction with ketene leads to a dihydrooxazone, hydrolysis of which yields beta-acetylmino-beta, beta-bis-(trifluoromethyl) propionic acid, and then hexafluoro-beta-valine. Orig. art. has: 5 formulas. [JPRS: 37,023]

TOPIC TAGS: fluorinated organic compound, hydrolysis, acetic anhydride

SUB CODE: 07 / SUBM DATE: 06Dec65 / ORIG REF: 004 / OTH REF: 010

Card 1/1 vmb

UDC: 542.91 + 546.16

0923 1903

GAMBARYAN, P.P.

Muscles of the proximal parts of the front limbs of some rodents.
Izv.AN Arm.SSR.Biol.i Sel'khoz.nauki. 1 no.3:211-229 '48.(MLRA 9:8)

1. Zoologicheskii institut Akademii nauk Armyanskoy SSR.
(Rodentia) (Muscles)

GAMBARYAN, P.P.

Characteristic features of the burrow structure of the subterranean vole *Prorethomys schaposnikowi*. Dokl. AN Arm. SSR. 15 no.3:85-88 '52. (MIRA 9:10)

1. Predstavleno V.Gulkanyanov.
(Georgia--Field mice)

GAMBARYAN, P.P.

Materials on the ecology and economical significance of the subterranean vole. Izv.AN Arm.SSR.Biol.i sel'khov.nauki 6 no.6:81-86 '53.
(MLRA 9:8)

1. Zoologicheskii institut Akademii nauk Armyanskoy SSR.
(Armenia--Field mice)

GAMBARYAN, P.P.

GAMBARYAN, P.P.

Origin and role of the lateral rhomboid muscle of the head (m. rhomboides capitis lateralis) in mammals. Dokl. AN Arm. SSR 18 no.2: 59-64 '54. (MLRA 8:3)

1. Zoologicheskiy institut Akademii nauk Arm. SSR. Predstavleno G. Kh. Banyatyanom. (Muscles)

GAMBARYAN, P. P.

Achievements in calculating and predicting the rodent population in
Armenia. Trudy probl. i tem.sov. no.5:25-28 '55. (MIRA 8:12)

1. Institut zoologii Akademii nauk ArmSSR.
(Armenia--Rodentia)

GAMBARYAN, P.P.

Biomechanics of the rebounding leap of rodents. Zool. zhur. 34 no. 3:
621-630 My-Je '55. (MLRA 8:8)

1. Zoologicheskiy institut AN Armysanskoy SSR
(Rodentia) (Animal locomotion)

Gambaryan, P.P.

A-5

USSR/General Division. Conservation of Nature.

Abs Jour: Ref. Zhur. Biologiya, No 4, 1958, 14245

Author : Gambaryan P.P.

Inst :

Title : On the Problem of the Conservation of the Animal World of Armenia.

Orig Pub: Okhrana prirody i zapovedn. delo v SSSR, 1957, No 2, 45-50

Abstract: Conservation of nature in Armenia is in an unsatisfactory state; there is widespread poaching; the only reserve (Sarakbulakskiy) was liquidated in 1952. Necessary is the organization of reserves in Khosrovskiy forest (Vedinskiy Raion), along the River Tsav (Kafanskiy Raion), and near the health resort at Dilizhan; the first two will be designated for the conservation of moufflon, bezoar goats, roe, and others (spotted deer were let loose in Khosrovskiy forest in 1954). Of the wild animals besides the

Card : 1/2

-11-

Card : 2/2

-12-

GAMBARYAN, P.P.; KARAPETYAN, V.S.; AYRUMYAN, K.A.; KAZARYAN, K.G.;
MOZHLUMYAN, S.K.

Ecology of the Prometheus vole (*Promethesomys schaposchnikovi* Set.).
Zool. sbor. no. 10:5-16 '57. (MIRA 11:7)
(Adzhar--Ineratian Range--Field mice)

GAMBATYAN, P. P.

Results of acclimatizing the Ussurian spotted deer (*Cervus
axis*) in the Khosrov forest. Izv. All Arm. SSR Biol. nauki 12
no. 5: 85-92 Hy '59. (MIRA 12:9)
(KHOSROV REGION--DEER)

GAMBARYAN, P.P.

"Anatomy of the rabbit" by V.N.Zhedenov and others. Reviewed
by P.P.Gambarian. Zool.zhur. 38 no.8:1273-1274 Ag '59.

(MIRA 12:11)

(Rabbits--Anatomy) (Zhedenov, V.N.)

GAMBARYAN, P.P.; MARTIROSYAN, B.A.

Ecology of the hamster *Calomyscus bailwardi* Thomas. Zool. zhur. 39
no.9:1408-1413 S '60. (MIRA 13:9)

1. Zoological Institute of the Academy of Sciences of Armenian S.S.R.,
Erevan.

(Dzhul'fa District-Hamsters)

GAMBARYAN, Petr Petrovich; DRUZHININ, A.N. otv. red. [deceased];
VARTANESOVA, A.A., red. izd-vs; AZIZBEKYAN, L.A., tekhn.
red.

[Adaptive characteristics of motor organs in burrowing mammals]
Prisposobitel'nye osobennosti organov dvizheniya roitschchikh
mlkopitaitshchikh. Brevan, Izd-vo Akad. nauk Armianskoi SSR,
1960. 194 p. (MIRA 14:5)
(ANIMAL LOCOMOTION) (ADAPTATION (BIOLOGY))

GAMBARYAN, P.P.; PAPANYAN, S.B.; MARTIROSYAN, B.A.

Materials on the ecology of the gerbil *Meriones meridianus* Dahl
Schidl. in the Armenian S.S.R. Biul. MOIP. Otd. biol. 65 no. 6:17-
22 Nov '60. (MIRA 14:2)

(GOROVAN REGION--GERBILS)

GAMBARYAN, P.P.; GRIGORYAN, V.A.

Possibility of an aerial census of commercially hunted animals in
Armenia. Izv. AN Arm. SSR. Biol. nauki 14 no. 4:86-91 Apr '61.
(MIRA 14:4)

1. Zoologicheskiy institut AN ArmSSR.
(ARMENIA--AERONAUTICS IN WILDLIFE CENSUS)

GAMBARYAN, P.P.

Anomalous specimen of Allium akaka Gmel. Izv. AN Arm. SSR.
Biol. nauki 14 no.12:121-125 D '61. (MIRA 15:3)

1. Botanicheskiy institut AN Armyanskoy SSR.
(ALLIUM)

GERARDINE, . .

Anomalies of the flower of Tulipa juja C. Koch. Izv. AN Arm.
SSR. Biol. nauki 15 no.17:81-87 1982 (MIRA 17:8)

1. Botanicheskiy institut AN Arm. SSR.

GAMBARYAN, P.P.; LAMANYAN, S.B.

Taxonomy of the gerbil *Meriones meridianus dahl* Sch. 1.
Izv. AN Arm. SSR. Biol. nauki 17 no.7:91-96 31 '64.

(MIRA 17:10)

1. Zoologicheskii institut AN Armyanskoy SSR.

GAMBARYAN, P.P.

Morphological and functional analysis of the muscles of the ex-
tremities of the tapir (*Tapirus americanus*). Zool. stor. no.13:
5-50 '64 (MIRA 18:2)

GAMBARYAN, Pavel

Mathematical method of taxonomy. Izv. AN Arm. SSR. Biol. nauki
17 no.12:47-53 D '64. (MIRA 18:3)

1. Biologicheskii fakul'tet Yerevanskogo gosudarstvennogo uni-
versiteta.

GAMBAPYAN, Pavel

Taxonomic analysis of the genus Pinus L. Izv. AN Arm. SSR.
Biol. nauki 18 no.8:75-81 Ag '65. (MIRA 18:9)

1. Biologicheskii fakul'tet Yerevanskogo gosudarstvennogo
universiteta.

MANVELYAN, M.G.; NADZHARYAN, A.K.; AKOPYAN, Z.A.; PILOYAN, E.G.;
GAMBARYAN, S.G.; BABAYAN, S.A.

Changes of nepheline syenite and minerals constituting it
during their treatment by potassium hydroxide solutions.
Izv. AN Arm.SSR. Khim.nauki 14:417-423 '61. (MIRA 15:1)

1. Institut khimii Sovnarkhoza Armyanskoy SSR.
(Nepheline syenite)

L 5071-66 EWT(m)/EWP(t)/EWP(b)/EWA(h)

IJP(c) JD/EM

ACC NR: AP502263

UR/0089/65/019/002/0176/0177
621.039.573

33

AUTHOR: Kiknadze, G. I.; Gambaryan, V. G.; Litvinov, R. I.;
Lyudvigov, R. B.; Razmadze, Z. G.; Fel'dman, L. I.; Chanturiya, V. M.

B

TITLE: Indium-gallium radiation loop¹⁹ for pool-type reactors

SOURCE: ²⁷Atomnaya energiya, v. 19, no. 2, 1965, 176-177

TOPIC TAGS: nuclear research reactor, gamma radiation

ABSTRACT: An abbreviated description of a special indium-gallium loop used in the IRT-2000 research reactor is given. The reactor is operated by the Institute of Physics of the Gruzinskaya SSR Academy of Sciences. The loop does not require a special biological shielding and can be easily manipulated and adjusted to other pool-type reactors. The changes in gamma dose rates are obtained by a translational displacement of the loop frame. The radioactive In^{116} nuclei are generated by leakage neutrons. A radioactivity equivalent to 16 g of radium can be created at a 1000 kw capacity. Thus, a gamma dose rate of about

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08010 1 17

L 5071-66

ACC NR: AP5022636

0.85 x 10⁶ roentgen per hour can be produced in a 10.5 liter irradiated volume. By experimenting with a 5000-kw reactor of IRT-type, the authors proved that it is possible to obtain a source of gamma radiations equivalent to those obtained from 1 x 10⁶ to 1.5 x 10⁶ grams of radium. The immersion of the loop assembly in the reactor tank is shown in a photo.

ASSOCIATION: none

SUBMITTED: 14Apr65

ENGL: 00

SUB CODE: NP

NO REF SOV: 000

OTHER: 000

Card 2/2 *hd*

DOVIATYAN, V.V.; GAMBARYAN, A.A.

Chloromethylation and conversions of products obtained.
Report No.5: Problem of formation of α -substituted derivatives
of thiourea from α -chloro ethers. Izv. AN Arm. SSR. Khim.
nauki 16 no.6:565-569 '63 (MIRA 1963)

1. Arayunskiy sel'skokhozyaystvennyy institut, kafedra obshchey
khimii.

GAMBASHIDZE, Abo Ksenofontovich; IVANOV, A.S., inzh., retsenzent;
KHARITONOV, N.F., retsenzent; MARSHALKIN, G.A., kand.tekhn.
nauk, retsenzent, spetsred.; KRUGLOVA, G.I., red.;
PEREDERIY, S.P., tekhn.red.

[Equipment used in wine making] Oborudovanie vinodel'cheskogo
proizvodstva. Moskva, Pishchepromizdat, 1960. 250 p.
(MIRA 14:4)

(Wine and wine making--Equipment and supplies)

GAMBASHIDZE, A.K.; ADAMSON, N.F., otv. za vyp.; LANKAU, Ye.P.,
otv. za vyp.; MANVELOVA, Ye.S., tekhn. red.

[Technological vessels for wine] Tekhnologicheskoe em-
kosti dlia vina. Moskva, TSentr. in-t nauchno-tekhn. in-
formatsii pishchevoi promyshl., 1963. 31 p.
(MIRA 17:4)

Tambashidze, D.

7753 Prinsadebnny sad. tbilisi, gosizdat muz. sssr, 1994.
94 s.s ill. zo sm. 3.000 ekz. 1r. 10k. bibliogr:
s. 92 (11 nazv.)-na muz. yaz.
(55-3478) 634.1/7(47.922) - (016.3)

SO. Knizhnaya Letopis', Vol. 7, 1955

GAMBASHIDZE, G.M.; ULANOVA, I.P.

Conference of young scientific workers of the Institute of Industrial Hygiene and Occupational Diseases of the Academy of Medical Sciences of the U.S.S.R. Gig.i san. no.4:53-54 Ap '54. (MLRA 7:4)
(Industrial hygiene) (Occupational diseases)

Transcaucasian Radiological Conference, Tbilisi, 28-31 Oct 55.

"Problems of Labor Hygiene in Work With Radioactive Isotopes," a report presented at the Transcaucasian Radiological Conference, Tbilisi, 28-31 Oct 55.

Sum. No. 1047, 31 Aug 56

T

Country : USSR
Category: Human and Animal Physiology. Physiology of
Labor and Sport.

Abs Jour: RZhBiol., No 19, 1958, 89316

Author : Pitskhelauri, Z.G.; Gambashidze, G.M.;
Druz'ka, G.F.

Inst : -
Title : Sanitary and Hygienic Conditions of Work with
Radioactive Isotopes.

Orig Pub: V sb.; Tr. 1-2 Zakavkazsk konferentsii po rad.
radiol. Tbilisi, Gruzmedgiz, 1956, 224-229

Abstract: No abstract.

Card : 1/1

GAMBASHIDZE, G.; SOLOV'YEVA, V.

Work and rest schedule of subway workers on the night shift.

Biul.nauch.inform: trud i zar.plata 3 no.2:33-35 '60.

(MIRA 13:6)

(Moscow--Subways) (Night work) (Industrial hygiene)

SOLOV'YEVA, V.P.; GAMBASHIDZE, G.M. (Moskva)

Physiological basis of the schedule of work and rest in regular
work on the night shift. Gig. truda i prof. zab. 4 no. 7:17-23
Jl '60. (MIRA 13:8)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(NIGHT WORK)

GAMBASHIDZE, G.M. (Tbilisi)

Significance of the diurnal periodicity of physiological functions in evaluating the efficiency of workers in three-shift operations. Gig. truda i prof.zab. 5 no.6:13-18 Je '61.
(MIRA 15:3)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(SHIFT SYSTEMS)
(INDUSTRIAL HYGIENE)

GAMBASHIDZE, K.K.

Microbiological processes in Turf-Podzol soils as related to
tillage practices. Soob. AN Gruz.SSR 25 no.2:185-192 Ag '60.
(MIRA 13:11)

1. Institut zemledeliya Akademii sel'skokhozyaystvennykh nauk
GruzSSR, Tbilisi. Predstavleno akademikom N.N.Ketskhoveri.
(Soil micro-organisms)

GAMBASHIDZE, K.K.

Effect of local strains of Azotobacter on the corn yield. Vest.
Bot. ob-va Gruz. SSR. no.1:109-114 '62. (MIRA 17:1)

KVARATSKHELIA, N.T.; GAMBASHIDZE, K.K.; DZHAKELI, M.Ye.

Effect of gramineous and leguminous grass mixtures and organic
fertilizers on the microbiological processes in subtropical
Podzolic soils. Soob. AN Gruz. SSR 29 no.1:73-80 J1 '62.

(MIRA 18:5)

1. Institut pochvovedeniya, agrokhimii i melioratsii, Tbilisi.
Submitted November 27, 1960.

Chapman, J. B.

Dissertation: "Data on the pharmacology of Adonitide." Gend. Med. Sci., Tbilisi State Medical Institute, Tbilisi, 1954. (Referativnyy Zhurnal--Khimiya, no 11, Moscow, Jun 54)

SO: SUM 318, 23 Dec 1954

GAMBACHIDZE, N.B.

Combined effect of diethylstilbestrol and testosterone on
coronary circulation in experimental coronary insufficiency.
Trudy Inst. klin. i eksper. kard. AN Gruz. SSR 8:45-50, 1963.
(MIRA 1737)

1. Institut kardiologii AN GSSR, Tbilisi.

GAMBASHIDZE, N.B., KIKODZE, N.L.; CHIKVAIDZE, V.N.

Effect of an extract of the medullar portion of the kidneys on
some functions of the cardiovascular system. Soob. AN Gruz.
SSR 30 no.1:85-90 Ja '63. (MIRA 17:1)

1. Institut klinicheskoy i eksperimental'noy kardiologii imeni
M.D. TSinamdzhvarishvili AN Gruzinskoy SSR, Tbilisi. Predstavleno
akademikom K.D. Eristavi.



GAMBASHIDZE, N. D.
11A

3

"The Periodic Distribution of γ -Phase in a Copper Beryllium Alloy After Prolonged Aging. H. M. Rorinsky and N. D. Gambashidze (Doklady Akad. Nauk S.S.S.R., 1954, 78, (3), 590-591; Fulmer Research Inst. Translation No. 16). [In Russian]. The periodic distribution of sharply coagulated precipitates in crystallites of the main phase of a Cu-Be alloy (contg. 2 wt.-% Be) quenched after fusion and working, and aged for ~13 years were studied by X-rays from a Mo anode. The X-ray photographs were examined microscopically, employing a magnification of 60-120. At 60 magnification a sq. lattice on a light background appeared on the photographs. At lower exposure, only dark spots on a light background appeared at the lattice points and were distributed periodically at distances of ~0.014 mm. This periodic distribution was confirmed by microscopic examination of a polished section

etched with conc. HNO₃. The precipitate disappeared and the specimen became homogeneous and fine-grained after heating in a vacuum furnace at 600° C. for 5 hr. and quenching; after ageing for 10 hr. at 580° C., the precipitate reappeared, being unevenly distributed along the grain boundaries. In the initial α phase (supersaturated solid soln. of Be in Cu) as the result of natural ageing, pptn. of the γ phase (CuBe) occurs, along the crystallographic planes. The initial crystallites of supersaturated solid soln. are originally large and imperfect after heat-treatment; they are probably composed of blocks similar in size and mutually inclined. The crystal lattice in the region of the juncture of these blocks is probably strongly distorted and the precipitate tends to concentrate along the boundaries of the blocks.

—J. R. G. T.

Evaluation B-78524, 8 Sep 54
Inst. Mech. Studies, AS USSR

GAMBASHIDZE, O.P.; TABIDZE, Sh.A.

Management of artificial pneumothorax at the high altitude
of Teberda. Probl.tub. 36 no.7:113-115 '58. (MIRA 12:8)

1. Iz sanatoriya No.1 (glavnyy vrach O.P.Gambashidze) i
sanatoriya No.4 (glavnyy vrach Sh.A.Tabidze) Upravleniya
kurorta Teberda.

(TEBERDA--PNEUMOTHORAX)

GAMBASHIDZE, O.P.; GEDEVANISHVILI, D.M., prof., red.; KANDELAKI, D.,
red. izd-va; BILIKHODZE, T., tekhn. red.

[Treatment of tuberculous exudative pleurisy; experimental
and clinical studies] Lechenie tuberkuleznykh eksudativnykh
plevritov; eksperimental'nye i klinicheskie issledovaniia.
Tbilisi, Gos.izd-vo "Sabchota Sakartvelo," 1963. 84 p.

(MIRA 17:2)

1. Chlen-korrespondent AN Gruzinskoy SSR (for Gedevanishvili).

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GAMBASHIDZE, R. A. Cand Med Sci -- (diss) "On the problem of the functional
condition
~~state~~ of the cardiovascular system in cases of ulcers." Tbilisi, 1957. 13 pp
(Tbilisi State Med Inst), 200 copies (KL, 42-57, 94)

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GAMBASHIDZE, R.A.

Stratigraphy of upper Cretaceous deposits in central Abkhazia.
Soob. AN Gruz. SSR 27 no.5:561-566 N '61. (MIRA 15:1)

1. Akademiya nauk Gruzinskoy SSR, Geologicheskii institut,
Tbilisi. Predstavleno akademikom I.V. Kacharava.
(Abkhazia--Geology, Stratigraphic)

GAMBASHIDZE, R.A.

Fauna of Senomanian-Turonian sediments in the periphery of the
Loka and Khrami massifs. Trudy Geol.inst. AN Gruz.SSR. Geol.ser.
13:109-160 '63.

Fauna of Santonian-Danian sediments in the periphery of the Loka
and Khrami massifs. 161-196 (MIRA 16:9)

GAMBASHIDZE, R.A.

Underground landslide near Tsalaskuri. Soob. A / Gruz. SSR 35 no.3:
607-612 S '64. (MIRA 17:11)

GAMBASHIDZE, R.A.

Stratigraphy of the Upper Cretaceous sediments of central
and western Abkhazia. Trudy Geol. inst. AN Gr. z. SSR. Geol.
ser. 14:77-102 '65. (MIRA 18:7)

BERIDZE, V.M., prof., red.; DVALI, R.R., akademik, red.; GAMBASHIDZE, R.B.,
dotsent, red.

[Technical terminology; Russian-Georgian part] Tekhnicheskaya
terminologiya; russko-gruzinskaya chast'. Pod red. V.M.Beridze,
R.R.Dvali i R.B.Gambashidze. Tbilisi, 1957. 433 p. [In Georgian
and Russian.] (MIRA 12:2]

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut yazykovedeniya.
2. Akademiya nauk Gruzinskoy SSR (for Dvali).
(Russian language--Dictionaries--Georgian)
(Technology--Dictionaries)

KASHAKASHVILI, N.V., prof., otv.red.; GAMBASHIDZE, R.B., kand.nauk, otv.
red.; AGLADZE, R.I., prof., red.; BERIDZE, V.M., prof., red.;
GIGINEYSHVILI, K.M., red.; GONIASHVILI, T.B., kand.nauk, red.;
TAVADZE, F.I., prof., red.; KIKELIDZE, M.A., doktor nauk, red.;
MIKELADZE, G.Sh., kand.nauk, red.; NADIRADZE, Ye.M., kand.nauk,
red. q

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Otv.red.N.V.Kashakashvili i R.B.Gambashidze. Tbilisi, 1959.
324 p. (MIRA 13:2)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut yazykoznaniya.
(Metallurgy--Dictionaries)
(Russian language--Dictionaries--Georgian)
(Georgian language--Dictionaries--Russian)

GACHECHILADZE, A.I., dotsent, red.; GAMBASHIDZE, R.B., dotsent, red.;
VOLKOVA, I., red.izd-va; TODUA, A., tekhn.red.

[Terminology of physics; Russian-Georgian part] Terminologia
fiziki; russko-gruzinskaia chast'. Pod red.A.I.Gachachiladze i
R.B.Gambashidze. Tbilisi, 1960. 140 p. (MIRA 13:6)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut fiziki.
(Russian language--Dictionaries--Georgian)
(Physics--Dictionaries)

BERIDZE, V.M., prof., red.; DVALI, R.R., akademik; GAMBASHIDZE, R.B., dotsent, red.; VOLKOVA, I., red.izd-va; KADZHAIYA, Yel., red.izd-va; TSERETELI, A., tekhn.red.

[Technical terminology; Georgian-Russian part] Tekhnicheskaya terminologiya; gruzinsko-russkaya chast'. Pod red. V.M.Beridze, R.R.Dvali i R.B.Gambashidze. Tbilisi, 1960. 459 p. (MIRA 14:6)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut yazykoznanija.
2. Chlen-korrespondent AN Gruzinskoy SSR (for Beridze). 3. AN Gruzinskoy SSR (for Dvali).

(Technology--Dictionaries)
(Georgian language--Dictionaries--Russian)

GAMBASHIDZE, S. K.

22759 Gambashidze, S. K. Ranneye Vskrytie Plodnogo Puzyr'ya, Kuk Metod
Uskorgniya Rodov, Trudy (Tbilis. Gos. Med. In-T), T. V., 1948,
S. 222-25- Na Gruz. Yaz - Rezyume Na Rus. Yaz

SO: Letopis', No. 30, 1949

GAMBERG, R.M.

127-12-1/28

AUTHORS: Imenitov, V.R., Candidate of Technical Sciences, and Gamberg, R.M. and Kazikayev, D.M., Mining Engineers

TITLE: Methods of Preparation of Chamber Bottoms and Pillars (Sposoby podgotovki dnishch kamer i blokov)

PERIODICAL: Gornyy Zhurnal, 1957, No 12, pp 3-8 (USSR)

ABSTRACT: The Zyryanovsk Lead Combine mines from the thick steep-sloping deposits of very hard ore by breaking off the ore with deep blast holes. The author describes several mining systems used in various ore mines and then dwells on the trench undercutting of chambers which is the system used in the Zyryanovsk mine of the Zyryanovsk Lead Combine. Citing some technical and economical indices of this system the author draws the following conclusions:

1. The trench undercutting method is more efficient than the undercutting with formation of funnels; moreover, the costs of development opening are reduced.
2. The formation of trenches by horizontal bore holes is more economical than their formation by vertical fan-shaped sets of holes; in addition to this, it achieves more regular outlines of the trenches which facilitate the subsequent breaking off

Card 1/2

Methods of Preparation of Chamber Bottoms and Pillars

127-12-1/28

the ore in the chambers.

3. The rectangular shape is the best suited for the trench
orts.

4. Slopes for the ore outlet with an incline of 50 to 60° are
better than vertical ones.

5. If the ore is sufficiently rigid, it is expedient to make
wide slits instead of slopes in the trench undercutting system.

6. Funnels formed by means of blasting are to be advanced from
below upward for the entire cross section at once.

The article contains 7 figures, and 2 tables.

ASSOCIATION: Moscow Mining Institute (Moskovskiy gornyy institut) and Zyrya-
novsk Lead Combine (Zyryanovskiy svintsovyy kombinat)

AVAILABLE: Library of Congress

Card 2/2

GAMBERG, R.M.; KAZIKAYEV, D.M.

Methods for preparing chamber bottoms. Biul. TSIIN tsvet.met.
no.17:2-5 '57. (MIRA 11:7)
(Mining engineering)

GAMBERG, R.M.

Zyryanovsk Mine. Gor. zhur. no. 1:9-11 Ja '61. (MIRA 14:1)

1. Nachal'nik Zyryanovskogo rudnika.
(Zyryanovsk region (Kazakhstan)--Mining engineering)

IMENITOV, V.R., doktor tekhn.nauk; GAMBERG, R.M., gornyy inzh.;
KAZIKAYEV, D.M.

Results of tests of the chamber mining system without pillars
on the bottom in the "Zyryanovsk" Mine. Gor.shur. no.2:18-23
F '63. (MIRA 16:2)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki
(for Imenitov). 2. Zyryanovskiy rudnik (for Gamberg, Kazikayev).
(Zyryanovsk District—Mining engineering)

GAMBERG, R.M., gornyy inzh.; KOYLOV, V.G., gornyy inzh.

Filling with rocks from hydraulic overburden stripping in the
Zyryanovsk Mine. Gor.zhur. no.5:25-27 My '62. (MIRA 16:1)

1. Zyryanovskiy svintsovyy kombinat.
(Zyryanovsk District—Mine filling)
(Hydraulic mining)

Gambayan, N

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19037.

Author : Babayan A. T., Gambayan N.

Inst :

Title : Alkylation in an Aqueous Medium in the Presence of
Quaternary Ammonium Salts.

Orig Pub: Zh. Obshch. Khimiyi, 1954, 24, No 10, 1887-1893.

Abstract: The alkylation reactions of acetoacetic ester (I),
acetylacetone (II), malonic ester (III) by the action
of 1,3-dichlorobutene (IV), $\text{CH}_2=\text{CHCH}_2\text{Cl}$ (V) and
 $\text{C}_6\text{H}_5\text{CH}_2\text{Cl}$ (VI) in an aqueous-alkaline media in the pres-
ence of catalysts $(\text{CH}_3)_2\text{NCH}_2\text{CH}=\text{CClCH}_3$ (VII) are described.
By the interaction of I with IV, I with V, and I with
VI in the presence of VII (1:1 : 0.1) in an aqueous so-
lution of KOH by heating, is obtained $\text{CH}_3\text{COCH(R)COOC}_2\text{H}_5$
(VIII) (enumerated are R, yield in %, b.p. in $^{\circ}\text{C}/\text{mm}$):

Card : 1/3

USSR/Organic Chemistry. Synthetic Organic Chemistry.

E-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19037

$\text{CH}_2\text{CH}=\text{CClCH}_3$, 58.3, 127-137/8; $\text{CHCH}=\text{CH}_2$, 66, 196-206/680; $\text{CH}_2\text{C}_6\text{H}_5$, 52.2, 274-276/680. In analogical conditions the alkylation of II and III by the action of IV in the presence of VII is carried out; $(\text{CH}_3\text{CO})_2\text{CHCH}_2\text{CH}=\text{CClCH}_3$ (IX), yield 54%, b.p. 108-109°/4 mm, n_D^{20} 1.489, d_4^{20} 1.0967, and $\text{CH}_3\text{CClC}=\text{CHCH}_2\text{CH}(\text{COOC}_2\text{H}_5)_2$ (X), yield 30.1%, b.p. 144.5-145°/11mm, n_D^{16} 1.4523, d_4^{16} 1.1093 are obtained. In the absence of VII the yields of alkylsubst. are drastically lowered. Described are reactions of I with IV in conditions of the previous experiments, but in the presence of equimolecular amounts of $(\text{CH}_3)_2\text{N}+(\text{CH}_2\text{CCl}+\text{CHCH}_3)_2\text{OH}$ or $(\text{C}_6\text{H}_5\text{CH}_2)_2\text{N}+(\text{CH}_3)_2\text{Cl}$ VIII (R= $\text{CH}_2\text{CH}=\text{CClCH}_3$), 56.1% and 41.6% are yielded. At the reaction of I with VI in the presence of equimolecular amounts $(\text{CH}_3)_2\text{N}+(\text{CH}_2\text{CCl}=\text{CHCH}_3)_2\text{Cl}$ (XI), the yield is 35.9% of VIII (R= $\text{C}_6\text{H}_5\text{CH}_2$). It is shown that the re-

Card : 2/3

Card : 3/3

GAMBERG, V.V.

The 3A224 machine unit for machining of electric motors.
Biul.tekh.-ekon.inform. no.3:18-20 '60.

(MIRA 13:6)

(Machine tools)

S/193/60/000/008/003/018
A004/AC01

AUTHOR: Gamberg, V. V.

TITLE: The Unit-Head 3A 509 (ZA509) Automatic for the Machining of Track Pins

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, 1960, No. 8,
pp. 19-20

TEXT: The Spetsial'noye konstruktorskoye byuro No. 1 (Special Design Office No. 1) of the Moskovskiy gorodskoy sovnarkhoz (Moscow Town Sovnarkhoz) has developed the unit-head ZA509 automatic which was manufactured by the Stankostroitel'nyy zavod im. S. Ordzhonikidze (Machine Tool Plant im. S. Ordzhonikidze) in December 1959. The automatic (see illustration) has been designed for the machining of track pins 22 mm in diameter, 280 mm in length of 50 grade steel.

Figure

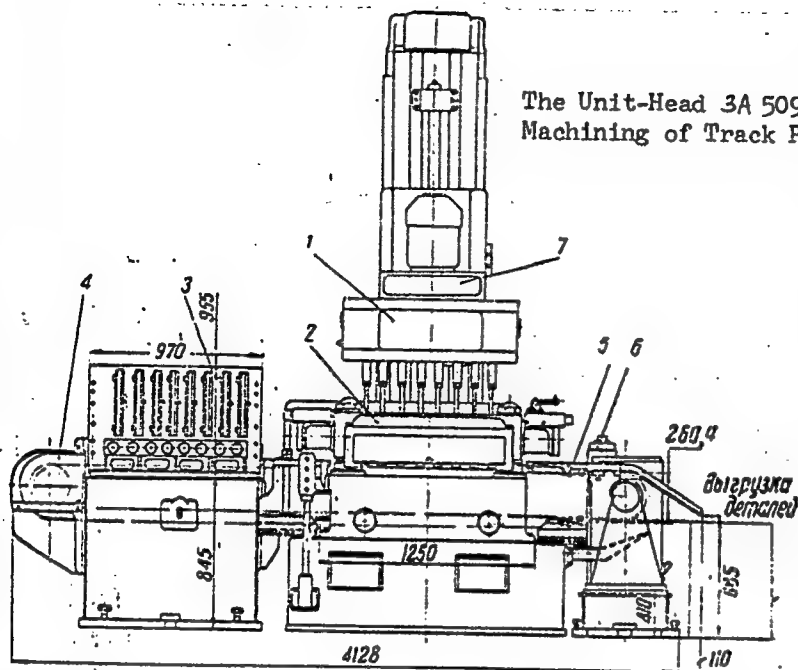
1 - spindle box; 2 - fixture for the clamping of parts; 3 - blank loading magazine;
4 - conveyer chain tightening mechanism; 5 - component conveyer; 6 - conveyer
drive; 7 - power head.

Card 1/4

S/193/60/000/008/003/018
A004/A001

The Unit-Head 3A 509 (ZA509) Automatic for the
Machining of Track Pins

Two holes 6.7 mm in dia-
meter for the cotters are
drilled into the track
pins. A vertical column
and the clamping fixture
are mounted on the machine
bed which is also used as
hydraulic tank, chip
collector and coolant
container. The clamping
fixture has eight posi-
tions for the clamping
of eight blanks being
machined simultaneously.
Clamping is effected with
the aid of two hydraulic
cylinders through a



Card 2/4

S/193/50/000/008/003/018
A004/A001

The Unit-Head 3A 509 (ZA509) Automatic for the Machining of Track Pins

wedge mechanism. On the vertical column the standardized non-automatic 3Y 4541 (2U4541) power head with spindle box is located, possessing 16 working spindles. The blanks are loaded and unloaded by a conveyer. The conveyer is driven hydraulically and has a ratched gearing whose number of teeth is divisible by the number of chain links in the conveyer pitch. This ensures the automatic stopping of the conveyer chain sections relative to the fixture sections and loading device. The correct chain position is, moreover, controlled by a terminal switch. The blanks get onto the conveyer from the loading device, which is a vertical eight-section magazine. The magazine has a storing capacity of blanks ensuring half an hour of automatic machine work. Drilling of the track pins is carried out with cooling for which a pump of 90 liter/minute capacity is mounted on the machine. The ZA509 machine has an automatic operation cycle. When the button "start" is pressed, the conveyer transports the blank to the fixture where it is clamped. The power head is switched on, operating in the following cycle: rapid approach, working feed, rapid retraction, stopping. Simultaneously a blank from the magazine is put on the conveyer. When the power head is returning into its initial position, the machined parts are unclamped and, by a new movement of the conveyer, the following cycle

Card 3/4

S/193/60/000/008/003/018
A004/A001

The Unit-Head 3A 509 (ZA509) Automatic for the Machining of Track Pins

starts. When the blanks in the magazine are spent, the cycle is stopped and the machine is switched off automatically. The following technical specifications are given: productivity at 85% load - 500 parts/hour; feed drive - hydraulic; electromotors; number - 3; total power - 8 kw; overall dimensions of the machine - (length) 4,200 x (width) 2,050 x (height) 3,180 mm; weight - 10.4 tons. There is 1 figure.

Card 4/4

GAMBURG, A. L.

"Orientation and Defense Reactions During Certain Psychic Diseases." Cand
Med Sci, Saratov Medical Inst, Saratov, 1954. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

GAMBURG, A.L.

Role of verbal suggestion in the effectiveness of drugs. Zhur.
vys.nerv.deiat. 6 no.1:87-92 Ja-F' 56. (MLRA 9:7)

1. Kafedra psikhiiatrii i kafedra normal'noy fiziologii Saratovskogo
meditsinskogo instituta.

- (CAFFEINE, effects,
eff.of suggestion on effectiveness (Rus))
- (BARBITURATES, effects,
eff. of suggestion on effectiveness (Rus))
- (SUGGESTION, effects,
on barbiturate & caffeine action (Rus))

GAMBURG, A. L. (Cand. Med. Sci.)

Modifikatsiya insulinovoy terapii

p. 352 V sb Aktual'n. probl. nevropatol i psikhiatrii, Kuybyshev 1957

Chair Psychiatry Saratov State Med. Inst,

GAMBURG, A. I.

Variations in the psychopathology of atropine poisoning.

Sov.med. 22 no.9:125-127 S'58

(MIRA 11:11)

1. Iz kafedry psikhiiatrii (zav. - prof. M.P. Kutanin) Saratovskogo meditsinskogo instituta.

(ATROPINE, pois.

psychopathol., variations (Rus))

GAMBURG, A.L.; YEVRANOVA, V.G.; LOGUTOV, G.F.; RYAZANSKIY, B.V.

Treatment of alcoholism with antethyl. Trudy Gos. nauch.-issl.
psikhonevr. inst. no.20:243-247 '59. (MIRA 14:1)

1. Kafedra psikhiiatrii Saratovskogo meditsinskogo instituta.
Zaveduyushchiy kafedroy - M.P. Kutanin.
(DISULFIDE—THERAPEUTIC USE) (ALCOHOLISM)

GAMBURG, A.L.

~~Adrenaline~~ in the blood and schizophrenia. Zhur. nevr. i
psikh 61 no.8:1216-1221 '61. (MIRA 15:3)

1. Kafedra psikiatrii (zav. - prof. M.P. Kutanin) Saratovskogo
meditsinskogo instituta.
(SCHIZOPHRENIA) (ADRENALINE)

GAMBURG, A.L.

Effect of lydase on the activity of some hormonal preparations in schizophrenia. Zhur. nevr. i psikh. 61. no.11:1705-1709 '61.

(MIRA 15:2)

1. Kafedra psikhiiatrii (zav. - prof. M.P.Kutanin) Saratovskogo meditsinskogo instituta.

(HYALURONIDASE—PHYSIOLOGICAL EFFECT)

(SCHIZOPHRENIA)

(HORMONES) .

GAMBURG, A. L.; KHREKOV, P. A.

Neurohormonal regulation of the activity of the adrenal cortex
in schizophrenia. Vrach. delo no.7:65-69 J1 '62.
(MIRA 15:7)

1. Kafedra psikiatrii (zav. - prof. M. P. Kutanin) Saratovskogo
meditsinskogo instituta.

(SCHIZOPHRENIA) (ADRENAL GLANDS)
(NEUROCHEMISTRY)

GAMBURG, A.L.

Adrenocorticotrophic and insulotropic effects in the regulation of
the blood sugar level in schizophrenia. Zhur. nevr. i psikh. 63
no.9:1398-1405 '63.
(MIRA 17:8)

1. Kafedra psikhatrii (zav. -- prof. M.P. Kutanin) Saratovskogo
meditsinskogo instituta.

GAMBURG, A.L.; DENISOVA, A.M.

Effect of certain pharmacological preparations on the cerebral
bioelectric activity in schizophrenia. Zhur. nevr. i psikh. 64
no.1:116-124 '64. (MIRA 17:5)

1. Kafedra psikhiatrii (zaveduyushchiy - prof. M.P. Kutanin)
Saratovskogo meditsinskogo instituta.

GRISHCHENKO, O.A., dots., otv. red.; GAMBURG, A.M., red.;
DIDKOVSKAYA, S.P., red.; LISICHENKO, V.K., red.;
SAPOZHNIKOV, Yu.S., red.; KONTSEVICH, I.A., red.;
NARINSKAYA, A.L., tekhn. red.

[Studies of the forensic medical experts of the Ukraine]
Trudy sudebnomeditsinskikh ekspertov Ukrainy. Kiev, Gos-
medizdat USSR, 1962. 293 p. (MIRA 16:7)

1. Glavnyy sudebnomeditsinskiy ekspert Ministerstva zdavo-
okhraneniya Ukr.SSR (for Grishchenko).
(UKRAINE—MEDICAL JURISPRUDENCE)

GAMBURG, A. M.

34228. GAMBURG, A. M. i BUDAK, T. A. Znachenije kachestva istorii bokezni pri sudebno-meditsinskoy ekspertize. Kriminalistika i Nauch.-- sudeb. ekspertiza. Sb. Z. kiyev, 1949, c. 207-17.

SO: Knizhnaya Letopis' No. 6, 1955

GAMBURG, A. YU.

IA 12T56

USSR/Calcium Carbide
Furnaces, Blast

Jul 1947

"A New Method of Obtaining Calcium Carbide,"
A. Yu. Gamburg, 3 pp

"Nauka i Zhizn" No 7

Discusses the advantages of a method of extraction
in a small blast furnace fed from the top with a
charge of coke and limestone instead of burnt lime.
Fuel is conserved by this method and valuable
blast furnace gas obtained.

12T56

HAMBURG, A. Y.

F

8

230. SOLUBILITY OF LUBRICATING OILS IN COMPRESSED GASES.
Hamburg, A. Y. (Nef. Khos., 1947, (9), 48-49). The
solubility of a lubricating oil and a bright stock in
compressed N_2 and in a 1 : 3 N_2 - H_2 mixture was measured
in the range 50-150°/100-1000 atm. The oils were
dissolved in fractions, due to their composition of
hydrocarbons of different mol. vol. Distillation under
pressure of the solutions obtained results in fractional
condensation of the oil constituents.

B.A.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

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GAMBURG, B.M.

YEVTEYEV, A.V., inzhener; GAMBURG, B.M., inzhener.

Temporary electric power supply for large factory construction projects. Biul. stroi. tekhn. 10 no.4:27-28 F '53. (MIRA 6:12)

1. Trest Elektromontazh-53.

(Electric power distribution)